

Requested by Senator LIEBER

**PROPOSED AMENDMENTS TO
SENATE BILL 868**

1 In line 2 of the printed bill, after “buildings” insert “; and prescribing an
2 effective date”.

3 Delete lines 4 through 8 and insert:

4 **“SECTION 1. (1) The Legislative Assembly finds that:**

5 **“(a) Energy consumption in buildings is responsible for nearly 35**
6 **percent of annual greenhouse gas emissions in this state;**

7 **“(b) Space and water heating account for 64 percent of an average**
8 **residential building’s energy use;**

9 **“(c) Heat pumps provide both heating and cooling benefits that keep**
10 **people safe during extreme weather events that are becoming more**
11 **frequent and more intense as a consequence of climate change;**

12 **“(d) Electric heat pumps can provide up to three times more heat**
13 **energy than the electrical energy the heat pumps consume, which**
14 **makes heat pumps the most energy efficient space heating option**
15 **available in the market;**

16 **“(e) Upgrading space and water heating applications with contem-**
17 **porary heat pump technologies can help people to save money on**
18 **household energy bills;**

19 **“(f) Existing and forthcoming state and federal incentive programs**
20 **will assist in energy efficiency improvements in homes and buildings,**
21 **including adoption of energy efficient heating and cooling appliances;**

1 “(g) Many residents of this state suffer from disproportionately high
2 energy burdens, and environmental justice communities face greater
3 barriers to purchasing and installing heat pumps and other energy
4 efficient appliances; and

5 “(h) Additional support and innovative solutions are necessary to
6 ensure that all households in this state benefit from energy efficient
7 appliances and heating and cooling upgrades.

8 “(2) The Legislative Assembly declares as goals for this state:

9 “(a) That residents of this state install and use at least 500,000 new
10 heat pumps by 2030;

11 “(b) That this state provide programs and support for accelerating
12 purchases and use of heat pump technologies to meet the state’s
13 greenhouse gas emission reduction goals;

14 “(c) That the programs and support described in paragraph (b) of
15 this subsection should prioritize environmental justice communities
16 and individuals who reside in houses and structures that do not have
17 a functioning heating or cooling system;

18 “(d) That the state evaluate the adoption and use of heat pump
19 technologies regularly to determine whether the rate of adoption and
20 use will enable the state to meet greenhouse gas emission reduction
21 goals; and

22 “(e) That the agencies of the executive branch of state government
23 lead by example by acquiring, installing and using heat pump tech-
24 nologies.

25 “SECTION 2. (1) As used in this section and sections 3 and 4 of this
26 **2023 Act:**

27 “(a) ‘Designated state agency’ means:

28 “(A) The State Department of Energy;

29 “(B) The Housing and Community Services Department;

30 “(C) The Public Utility Commission;

1 **“(D) The Department of Environmental Quality;**
2 **“(E) The Oregon Health Authority; and**
3 **“(F) The Department of Consumer and Business Services.**
4 **“(b) ‘Greenhouse gas emission reduction goals’ means the policy**
5 **and goals set forth in ORS 468A.205 and similar or related goals the**
6 **Governor specifies by executive order.**
7 **“(2) Each designated state agency shall, at a minimum, take the**
8 **following actions to aid in achieving greenhouse gas emission re-**
9 **duction goals:**
10 **“(a) With respect to each designated state agency’s role in pro-**
11 **moting, supporting, facilitating or regulating energy development and**
12 **use and housing and commercial building construction, recon-**
13 **struction, renovation, maintenance, repair and resilience:**
14 **“(A) Consider greenhouse gas emission reduction goals in the des-**
15 **ignated state agency’s regulatory decisions; and**
16 **“(B) Align the designated state agency’s creation and operation of**
17 **existing and new programs with greenhouse gas emission reduction**
18 **goals.**
19 **“(b) Develop policies to support widespread energy efficiency up-**
20 **grades, including policies and programs that support using heat pump**
21 **technologies for space and water heating.**
22 **“(c) Identify barriers that prevent residents of this state from pur-**
23 **chasing and using appliances that have the greatest available energy**
24 **efficiency and best contribute to reducing greenhouse gas emissions**
25 **and develop recommendations, strategies and methods for reducing or**
26 **eliminating the barriers.**
27 **“(d) Prioritize actions that help environmental justice communities,**
28 **as defined in ORS 469A.400:**
29 **“(A) Adapt to impacts from climate change; and**
30 **“(B) Overcome cost burdens and other barriers to using energy in**

1 a way that is efficient and in alignment with greenhouse gas emission
2 reduction goals.

3 “(e) Consult with the Oregon Global Warming Commission and the
4 Environmental Justice Council when considering or evaluating for
5 development or implementation the policies and actions described in
6 this subsection.

7 **“SECTION 3. (1) The State Department of Energy shall submit to**
8 **the Governor and an interim committee of the Legislative Assembly**
9 **related to the environment not later than September 15 of each odd-**
10 **numbered year a report that evaluates the rate of adoption of heat**
11 **pump technologies among residents of this state and progress the state**
12 **is making in achieving the state’s greenhouse gas emission reduction**
13 **goals. At a minimum, the report must:**

14 **“(a) Review, using existing studies, market reports, polling data and**
15 **other publicly available information, the nature and state of the mar-**
16 **ket for heat pump technologies, including the size and dollar value of**
17 **the market and the variety of available technologies, applications and**
18 **appliances;**

19 **“(b) Identify barriers that prevent adoption of heat pump technol-**
20 **ogies by residents of this state;**

21 **“(c) Assess the state’s progress in achieving the goals specified in**
22 **section 1 (2) of this 2023 Act; and**

23 **“(d) Estimate the date by which the state will achieve the goals**
24 **specified in section 1 (2) of this 2023 Act.**

25 **“(2) The department shall collaborate with other designated state**
26 **agencies in preparing the report described in subsection (1) of this**
27 **section and may contract with a private entity to conduct research**
28 **for, prepare or assist in preparing the report.**

29 **“(3) In assessing the state’s progress toward achieving the goal**
30 **specified in section 1 (2)(a) of this 2023 Act, the department shall focus**

1 on heat pumps that are commercially available or that will soon be-
2 come commercially available and shall use existing studies, data and
3 analysis to evaluate whether:

4 “(a) Reductions in greenhouse gas emissions attributable to energy
5 use in homes and buildings in this state are likely occur in amounts
6 sufficient to enable the state to meet greenhouse gas emission re-
7 duction goals; and

8 “(b) Sales figures, the percentage of newly installed space and water
9 heating systems that are heat pumps, and the rate at which residents
10 of this state adopt heat pumps indicate that the state will meet the
11 goal specified in section 1 (2)(a) of this 2023 Act.

12 **“SECTION 4. (1) The State Department of Energy shall collaborate**
13 **with other designated state agencies to create and operate a program**
14 **that:**

15 “(a) Serves as a one-stop resource and clearinghouse for informa-
16 tion related to energy efficiency upgrades, whole home renovations
17 and heat pump technologies for heating and cooling;

18 “(b) Provides technical assistance and training in order to build
19 capacity in developers, builders, home owners and tenants to conduct
20 renovations and installations of energy efficient technologies, includ-
21 ing heat pumps;

22 “(c) Provides information concerning available federal and state
23 moneys and other incentives and recommends directions for available
24 funding in order to maximize installation and use of energy efficient
25 technologies;

26 “(d) Creates awareness of and provides education and training to
27 contractors, subcontractors, technicians, installers and other workers
28 in industries related to construction and energy appliance installation
29 concerning:

30 “(A) The availability of moneys, programs, rebates and other in-

1 **centives for acquiring and installing energy efficient appliances for**
2 **heating and cooling; and**

3 **“(B) Methods, techniques, available incentives and funding avail-**
4 **able for upgrading electrical panels and wiring to accommodate energy**
5 **efficient appliances for heating and cooling; and**

6 **“(e) Coordinates efforts of designated state agencies, utilities and**
7 **other stakeholders to use federal and state moneys and incentives to**
8 **maximize deliveries of energy efficient technologies in accordance with**
9 **the priorities specified in section 2 (2)(d) of this 2023 Act.**

10 **“(2) The program described in subsection (1) of this section must:**

11 **“(a) Provide information and assistance that is understandable and**
12 **useable by developers, builders, homeowners, landlords, renters and**
13 **other stakeholders with an interest in acquiring, maintaining and us-**
14 **ing energy efficient technologies for heating and cooling homes and**
15 **commercial buildings;**

16 **“(b) Prioritize delivery of information and services to residents of**
17 **this state who would most easily qualify for moneys and incentives to**
18 **support acquisition and utilization of energy efficient technologies for**
19 **heating and cooling;**

20 **“(c) Prioritize delivering, installing and using the highest efficiency**
21 **heating and cooling appliances in instances where variation exists in**
22 **funding options for various minimum efficiency requirements;**

23 **“(d) Work with locally connected and culturally connected organ-**
24 **izations to provide the program’s information, technical assistance,**
25 **training and support; and**

26 **“(e) Allow sufficient flexibility for designated state agencies to**
27 **contract with private entities to provide needed information, assist-**
28 **ance, training and support.**

29 **“SECTION 5. (1)(a) The Energy Efficient Technologies Information**
30 **and Training Fund is established in the State Treasury, separate and**

1 distinct from the General Fund. Interest that the Energy Efficient
2 Technologies Information and Training Fund earns must be credited
3 to the fund.

4 “(b) Moneys in the Energy Efficient Technologies Information and
5 Training Fund may be invested and reinvested as provided in ORS
6 293.701 to 293.857.

7 “(2) Moneys in the Energy Efficient Technologies Information and
8 Training Fund consist of:

9 “(a) Appropriations to the State Department of Energy for the
10 purpose of funding the program described in section 4 of this 2023 Act;

11 “(b) Federal funds and other funds the department receives for the
12 purposes specified in section 4 of this 2023 Act;

13 “(c) Interest and other earnings on moneys in the fund; and

14 “(d) Other amounts the department receives from any source and
15 deposits into the fund.

16 “(3) Subject to subsection (4) of this section, moneys in the Energy
17 Efficient Technologies Information and Training Fund are contin-
18 uously appropriated to the department for the purpose of funding the
19 program described in section 4 of this 2023 Act.

20 “(4) The department may not during any biennium expend more
21 than 10 percent of the average quarterly balance of the Energy Effi-
22 cient Technologies Information and Training Fund to pay the costs of
23 administering the fund or the program described in section 4 of this
24 2023 Act.

25 “SECTION 6. There is appropriated to the State Department of
26 Energy, for the biennium beginning July 1, 2023, out of the General
27 Fund, the amount of \$_____ for the purpose of carrying out the
28 provisions of section 4 of this 2023 Act.

29 “SECTION 7. This 2023 Act takes effect on the 91st day after the
30 date on which the 2023 regular session of the Eighty-second Legislative

1 **Assembly adjourns sine die.”.**

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